

Submit Seismic Reaction Loads and Detail Assemblies From Engineer of Record Before Welding to Structural Steel

WELDED BRACKET CONNECTION
STRUCTURAL STEEL BEAM OR CHANNEL
ISAT Seismic Reaction Load and Detail Assemblies From Engineer of Record Before Welding to Structural Steel

ISAT Brace Assembly	Reaction
RCHW	2,155 lbs.
ABWV	1,850 lbs.
ABF12	1,850 lbs.
ABF34	3,335 lbs.

APPROVED
Fixed Equipment Anchorage
November 14, 2002
Valid for 3 Years Maximum

I. S. A. T.
International Seismic Application Technology
8000 Avenue Industrial, Suite 400, San Jose, CA 95128
408-299-4728 (U.S.) 714-944-6533 714-623-0496 (Int'l)
www.isat.com

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Directory - ISAT Rigid Brace Assemblies

ISAT Brace Assembly	Rod Diameter	Upper Bracket	Lower Bracket	Brace Arm Length	Maximum Reaction	
					To Floor	Not To Floor
R1	3/8"	RCHW03	ABWV	Single Stud	7	950
R1.1	3/8"	RCHW04	ABWV	Single Stud	7	1,115
R2	3/8"	RCHW03	ABWV	Double Stud	10	950
R2.1	3/8"	RCHW04	ABWV	Double Stud	10	1,115
R3	1/2"	RCHW12	ABWV	Single Stud	7	950
R3.1	1/2"	RCHW13	ABWV	Single Stud	7	950
R4	1/2"	RCHW12	RCHW2X	Single Stud	7	1,985
R4.1	1/2"	RCHW13	RCHW2X	Single Stud	7	1,985
R5	1/2"	RCHW12	ABWV	Double Stud	10	1,985
R5.1	1/2"	RCHW13	ABWV	Double Stud	10	1,985
R6	1/2"	ABF12	ABWV	Single Stud	7	1,850
R6.1	1/2"	ABF12	ABWV	Single Stud	7	1,850
R7	5/8"	RCHW03	ABWV	Single Stud	7	1,850
R7.1	5/8"	RCHW04	ABWV	Single Stud	7	1,850
R8	5/8"	RCHW03	RCHW03	Double Stud	10	1,850
R8.1	5/8"	RCHW04	RCHW03	Double Stud	10	1,850
R9	5/8"	RCHW03	RCHW03	Double Stud	10	2,185
R9.1	5/8"	RCHW04	RCHW03	Double Stud	10	2,185
R10	3/4"	RCHW03	RCHW03	Single Stud	7	1,850
R10.1	3/4"	RCHW04	RCHW03	Single Stud	7	1,850
R11	3/4"	RCHW03	RCHW03	Double Stud	10	1,850
R11.1	3/4"	RCHW04	RCHW03	Double Stud	10	1,850
R12	3/4"	RCHW03	RCHW03	Double Stud	10	2,185
R12.1	3/4"	RCHW04	RCHW03	Double Stud	10	2,185
R13	7/8"	RCHW03	ABWV	Single Stud	7	1,850
R13.1	7/8"	RCHW04	ABWV	Single Stud	7	1,850
R14	7/8"	RCHW03	RCHW03	Double Stud	10	1,850
R14.1	7/8"	RCHW04	RCHW03	Double Stud	10	1,850
R15	7/8"	RCHW03	RCHW03	Double Stud	10	2,185
R15.1	7/8"	RCHW04	RCHW03	Double Stud	10	2,185
R16	1"	RCHW03	RCHW03	Single Stud	7	1,850
R16.1	1"	RCHW04	RCHW03	Single Stud	7	1,850
R17	1"	RCHW03	RCHW03	Double Stud	10	1,850
R17.1	1"	RCHW04	RCHW03	Double Stud	10	1,850
R18	1"	ABF34	ABWV	Single Stud	7	1,850
R18.1	1"	ABF34	ABWV	Single Stud	7	1,850
R19	1"	ABF34	ABWV	Double Stud	10	3,335
R19.1	1"	ABF34	ABWV	Double Stud	10	3,335
R20	1"	RCHW03	RCHW03	Single Stud	7	1,850
R20.1	1"	RCHW04	RCHW03	Single Stud	7	1,850
R21	1"	RCHW03	RCHW03	Double Stud	10	1,850
R21.1	1"	RCHW04	RCHW03	Double Stud	10	1,850
R22	1"	ABF34	ABWV	Double Stud	10	2,185
R22.1	1"	ABF34	ABWV	Double Stud	10	2,185
R23	1"	RCHW03	RCHW03	Double Stud	10	2,185
R23.1	1"	RCHW04	RCHW03	Double Stud	10	2,185
R24	1"	RCHW03	RCHW03	Double Stud	10	2,185
R24.1	1"	RCHW04	RCHW03	Double Stud	10	2,185
R25	1"	ABWV	ABWV	Double Stud	10	1,850
R25.1	1"	ABWV	ABWV	Double Stud	10	1,850
R26	1"	ABWV	ABWV	Double Stud	10	1,850
R26.1	1"	ABWV	ABWV	Double Stud	10	1,850

1. Seismic Brackets Per ICCB Report # PFC5066 (including RCHW12, RCHW13, RCHW14, RCHW15, RCHW16, RCHW17, RCHW18, RCHW19, RCHW20, RCHW21, RCHW22, RCHW23, RCHW24, RCHW25, RCHW26, RCHW27, RCHW28, RCHW29, RCHW30, RCHW31, RCHW32, RCHW33, RCHW34, RCHW35, RCHW36, RCHW37, RCHW38, RCHW39, RCHW40, RCHW41, RCHW42, RCHW43, RCHW44, RCHW45, RCHW46, RCHW47, RCHW48, RCHW49, RCHW50, RCHW51, RCHW52, RCHW53, RCHW54, RCHW55, RCHW56, RCHW57, RCHW58, RCHW59, RCHW60, RCHW61, RCHW62, RCHW63, RCHW64, RCHW65, RCHW66, RCHW67, RCHW68, RCHW69, RCHW70, RCHW71, RCHW72, RCHW73, RCHW74, RCHW75, RCHW76, RCHW77, RCHW78, RCHW79, RCHW80, RCHW81, RCHW82, RCHW83, RCHW84, RCHW85, RCHW86, RCHW87, RCHW88, RCHW89, RCHW90, RCHW91, RCHW92, RCHW93, RCHW94, RCHW95, RCHW96, RCHW97, RCHW98, RCHW99, RCHW100, RCHW101, RCHW102, RCHW103, RCHW104, RCHW105, RCHW106, RCHW107, RCHW108, RCHW109, RCHW110, RCHW111, RCHW112, RCHW113, RCHW114, RCHW115, RCHW116, RCHW117, RCHW118, RCHW119, RCHW120, RCHW121, RCHW122, RCHW123, RCHW124, RCHW125, RCHW126, RCHW127, RCHW128, RCHW129, RCHW130, RCHW131, RCHW132, RCHW133, RCHW134, RCHW135, RCHW136, RCHW137, RCHW138, RCHW139, RCHW140, RCHW141, RCHW142, RCHW143, RCHW144, RCHW145, RCHW146, RCHW147, RCHW148, RCHW149, RCHW150, RCHW151, RCHW152, RCHW153, RCHW154, RCHW155, RCHW156, RCHW157, RCHW158, RCHW159, RCHW160, RCHW161, RCHW162, RCHW163, RCHW164, RCHW165, RCHW166, RCHW167, RCHW168, RCHW169, RCHW170, RCHW171, RCHW172, RCHW173, RCHW174, RCHW175, RCHW176, RCHW177, RCHW178, RCHW179, RCHW180, RCHW181, RCHW182, RCHW183, RCHW184, RCHW185, RCHW186, RCHW187, RCHW188, RCHW189, RCHW190, RCHW191, RCHW192, RCHW193, RCHW194, RCHW195, RCHW196, RCHW197, RCHW198, RCHW199, RCHW200, RCHW201, RCHW202, RCHW203, RCHW204, RCHW205, RCHW206, RCHW207, RCHW208, RCHW209, RCHW210, RCHW211, RCHW212, RCHW213, RCHW214, RCHW215, RCHW216, RCHW217, RCHW218, RCHW219, RCHW220, RCHW221, RCHW222, RCHW223, RCHW224, RCHW225, RCHW226, RCHW227, RCHW228, RCHW229, RCHW230, RCHW231, RCHW232, RCHW233, RCHW234, RCHW235, RCHW236, RCHW237, 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Fixed Equipment Anchorage
November 14, 2002
Valid for 3 Years Maximum

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Original Page E2

Directory - ISAT Cable Brace Assemblies

ISAT Brace Assembly	Rod Diameter	Upper Bracket	Lower Bracket	Brace Arm Length	To Floor	Not To Floor
C1	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C2	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C3	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C4	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C4.1	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C4.2	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C4.3	3/8"	RCHW03	ABWV	3'0" Dia.	840	840
C5	1/2"	RCHW12	ABWV	3'0" Dia.	840	840
C6	1/2"	RCHW12	ABWV	3'0" Dia.	840	840
C7	1/2"	RCHW12	ABWV	3'0" Dia.	840	840
C8	1/2"	RCHW12	ABWV	3'0" Dia.	840	840